

Docket No.: 060188-0031



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 53080
Kentaro SHIOMI, et al.	:	Confirmation Number: 6677
Application No.: 09/779,440	:	Group Art Unit: 2132
Filed: February 09, 2001	:	Examiner: Jung W. Kim
For: LSI DESIGN METHOD AND VERIFICATION METHOD	:	

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the reference listed on the attached form PTO-1449. It is respectfully requested that the reference be expressly considered during the prosecution of this application, and that the reference be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Each non-English language reference was first cited in a corresponding foreign application office action and its relevance discussed therein.

09/779,440

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP

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**Date: January 25, 2007**

**Please recognize our Customer No. 53080  
as our correspondence address.**



SHEET 1 OF 1

INFORMATION DISCLOSURE  
CITATION IN AN  
APPLICATION

(PTO-1449)

ATTY. DOCKET NO.  
**060188-0031**SERIAL NO.  
**09/779,440**APPLICANT  
**Kentaro SHIOMI, et al.**FILING DATE  
**February 09, 2001**GROUP  
**2132**

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US			
		US			
		US			
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## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes - Number 4 - Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		<b>Kojima, I. "EDA Aiming at Verification, Rapid Response to System LSI" Nikkel Electronics, Nikkel Business Publication Inc., August 10, 1998, No 723, pp. 99-109.</b>

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.



Applicant: Kentaro SHIOMI, et al. Docket No. 060188-0031 Serial No. 09/779,440

Title: LSI DESIGN METHOD AND VERIFICATION METHOD Patent No. \_\_\_\_\_

Date Sent: 1/25/2007 ☒ Hand Carried ☐ Fax ☐ Electronic ☐ Cert. of Mailing ☐ 1st Class Mail ☐ Express Mail No. \_\_\_\_\_

☒ Transmittal Letter

☐ New Patent App ☐ Utility ☐ Design ☐ Cont. ☐ CIP ☐ Div. ☐ PCT ☐ RCE ☐ Prov

☐ Other: \_\_\_\_\_

pages of Specification \_\_\_\_\_

pages of Claims \_\_\_\_\_

pages of Abstract \_\_\_\_\_

pages of Formal/Informal Drawings \_\_\_\_\_

☐ Small Entity ☒ Large Entity

☐ Declaration/Power of Attorney

☐ Recordation of Assignment/Security Agreement

☒ Information Disclosure Statement

1 Form PTO 1449

1 References attached

☐ Preliminary Amendment

☐ Response to Missing Parts Notice

☐ Resp. to Notice to Correct App. Papers

☐ Certified Copy of Priority Doc.

☐ Claim for Convention Priority

☐ Response/Amendment to Office Action of

☐ Request for \_\_\_\_\_ month Extension of Time

☐ Letter submitting \_\_\_\_\_ pages of drawings

☐ Req. for Approval of Drawing Amendments

☐ Req. for Oral Hearing

☐ Not. of Appeal ☐ Appeal Brief ☐ Reply Brief

☐ Rule 312 Amendment/Letter

☐ Req. for Acknowledgement of Cited Art

☐ Issue Fee

☐ Publication Fee

☐ Req. for Certificate of Correction

☐ Maintenance Fee for \_\_\_\_\_ years after grant

☐ Fee Address Indication Form

☐ Terminal Disclaimer

☐ Petition to Commissioner

☐ Status Inquiry

☐ Other \_\_\_\_\_



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CMS Descrip.: _____									
THE PATENT AND TRADEMARK OFFICE DATE STAMPED HEREON IS ACKNOWLEDGEMENT THAT THE ITEMS, CHECKED ABOVE, WERE RECEIVED BY THE PTO ON THE DATE STAMPED.									



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**09/779,440**

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**GROUP  
2132**

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EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number + Kind Codes (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Figures Appear	Translation	
						Yes	No
/JK/		JP 05-128197	05/25/1993	Masaharu		X	
/JK/		JP 11-224284	08/17/1999	Yoshiaki et al.		X	
/JK/		JP 10-312311	11/24/1998	Yasuto		X	

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/JK/		Narita et al, "Board Level Simulation with R4400 Model," Study Report in Information Processing Society of Japan, Dec 1995, pp 77-84, Vol 95, No 118(DA-78)
/JK/		Takeyama et al, "A High Speed Logic Verification System of Large Scale Digital Designs," Research Report of Information Processing Society of Japan, Jan 1995, pp 9-16, Vol 95, No 6(DA-73)
/JK/		Notice of Reasons for Rejection issued by Japanese Patent Office (Translation) 2006

DATE CONSIDERED  
06/21/2007

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